

CalRecycle's State of Disposal in California *Updated 2016*

Presented by
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Overview

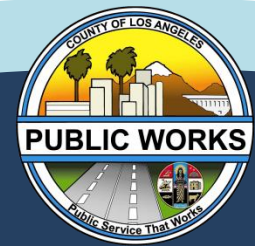
Legislation

Statewide Disposal, Diversion, and Recycling Data

Statewide Disposal Infrastructure

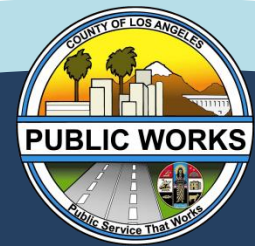
Waste Flows

Statewide Landfill Capacity



Legislation

| | |
|---------------------------|--|
| AB 939 (Sher) | The Integrated Waste Management Act |
| AB 341 (Chesbro) | Solid Waste: Diversion |
| AB 1594 (Williams) | Waste Management |
| AB 876 (Mccarty) | Compostable Organics |
| AB 901 (Gordon) | Solid Waste: Reporting Requirements: Enforcement |



Disposal, Diversion, and Recycling Data (Statewide)

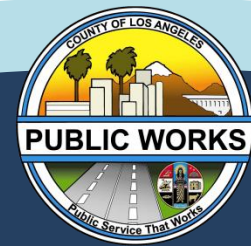
| | AB 939 | AB 341 |
|---------------------|---|---|
| Baseline Generation | 12.6 ppd (2003-2006) | 10.7 ppd (1990-2010) |
| Goal | 50% Diversion Mandate (Jurisdictional) | 75% Recycling Goal (Statewide) |
| Disposal Target | 6.3 ppd | 2.7 ppd |
| Disposal Rate | 4.5 ppd | |

* (ppd= Pounds per person per day)

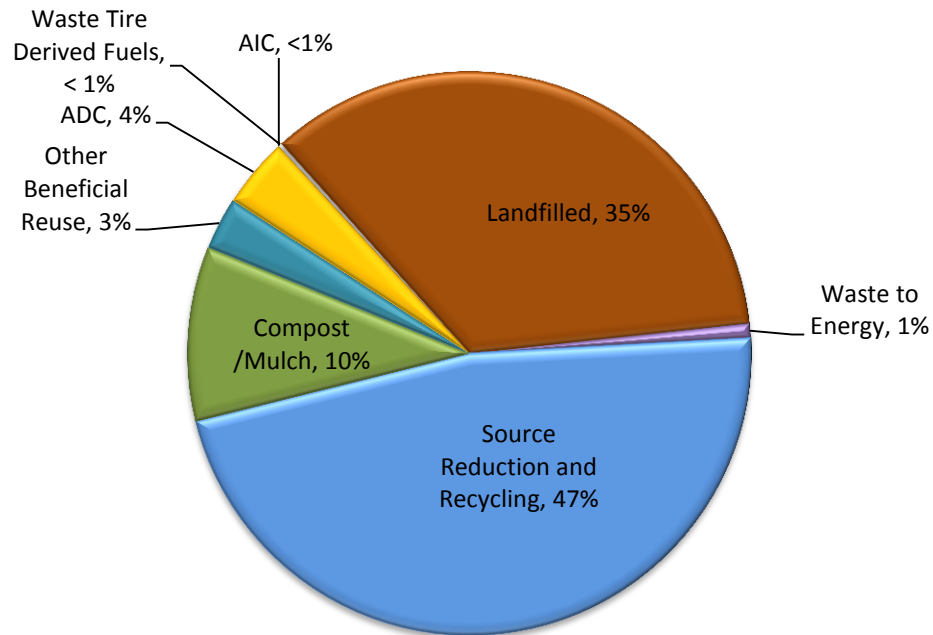


How is “*Disposal*” Defined?

| | AB 939 | AB 341 |
|---|--|---|
| Activities that Count Toward Goal | <u>Diversion:</u> Source Reduction Composting Recycling ADC (Alternative Daily Cover) AIC (Alternative Intermediate Cover) Other Beneficial Reuse Transformation Credit | <u>Recycling:</u> Source Reduction Composting Recycling |
| Activities that <u>Do Not</u> Count Toward Goal | <u>Disposal:</u> Landfill (Including Exports) Some Transformation Engineered Municipal Solid Waste (EMSW) Green Waste ADC (Beginning in 2020) | <u>Disposal:</u> Landfill (Including Exports) Engineered Municipal Solid Waste <u>Disposal-Related:</u> ADC AIC Other Beneficial Reuse All Transformation Waste Tire-Derived Fuel |



Disposal and **Diversi**on (AB **939**)



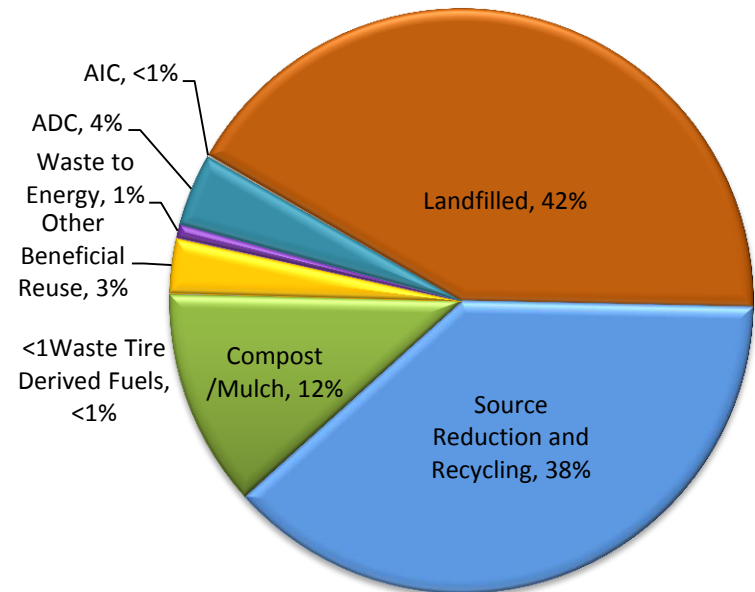
Landfilled, 35%
 Source Reduction and Recycling, 47%
 Compost /Mulch, 10%
 Other Beneficial Reuse, 3%
 ADC, 4%
 Waste Tire Derived Fuels, < 1%
 AIC, <1%

Solid waste Generation = 88 Million Tons (12.6 ppd)
 Solid waste Disposal (Landfilled) = 31.2 Million Tons

(Approximately **65% Diversi**on)*

* Calculated diversion rate

Disposal and **Recycling** (AB **341**)

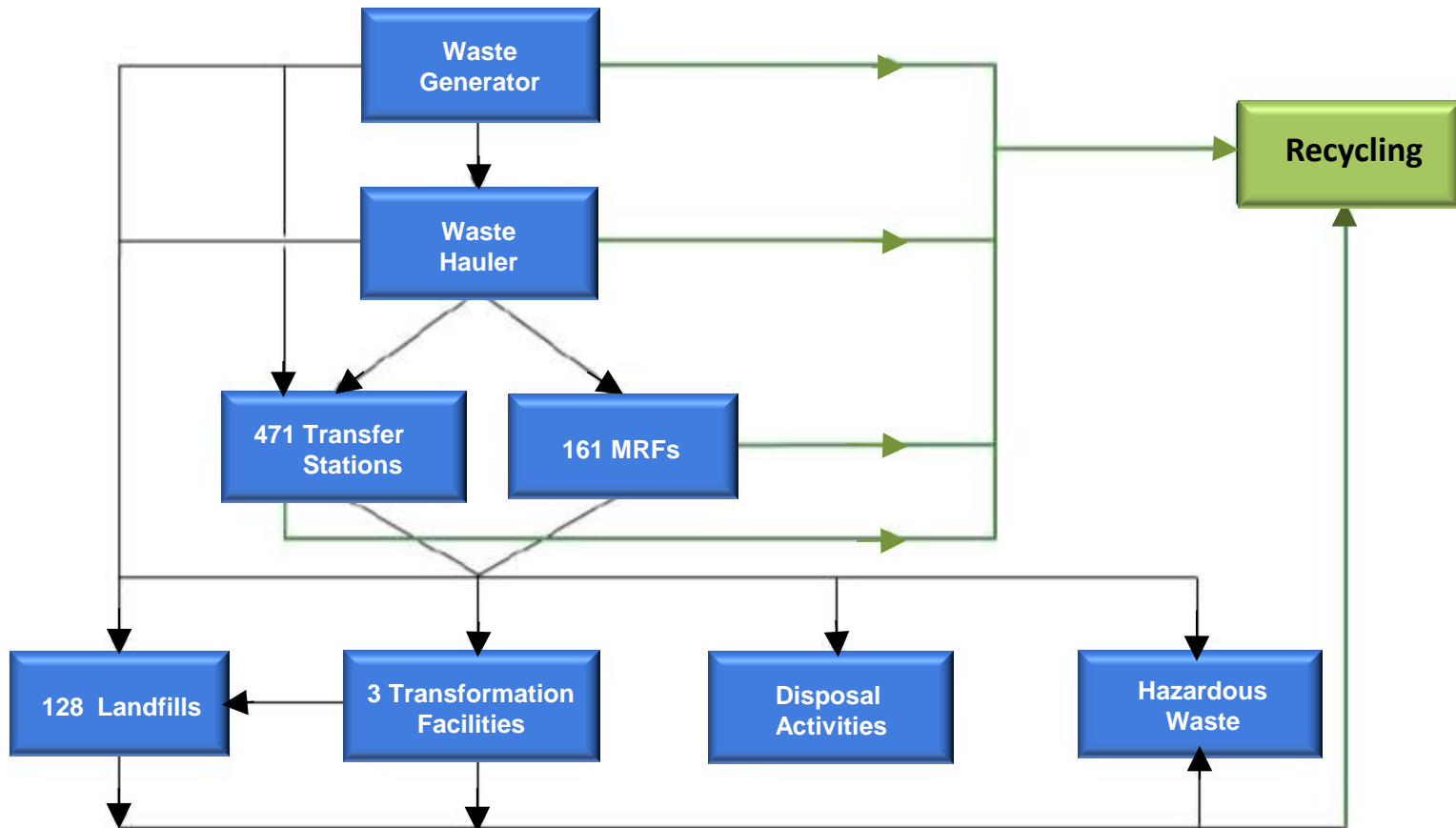


Landfilled, 42%
 Source Reduction and Recycling, 38%
 Compost /Mulch, 12%
 Other Beneficial Reuse, 3%
 ADC, 4%
 Waste Tire Derived Fuels, < 1%
 AIC, <1%

Solid waste Generation = 74.9 Million Tons (10.7 ppd)
 Solid waste Disposal (Landfilled) = 31.2 Million Tons

50% Recycling

Statewide Disposal Infrastructure



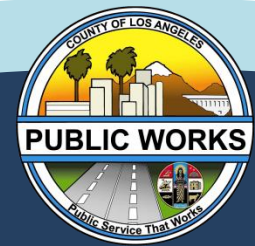
Waste Flows

Top 3 Counties that Sent Waste to Disposal Facilities

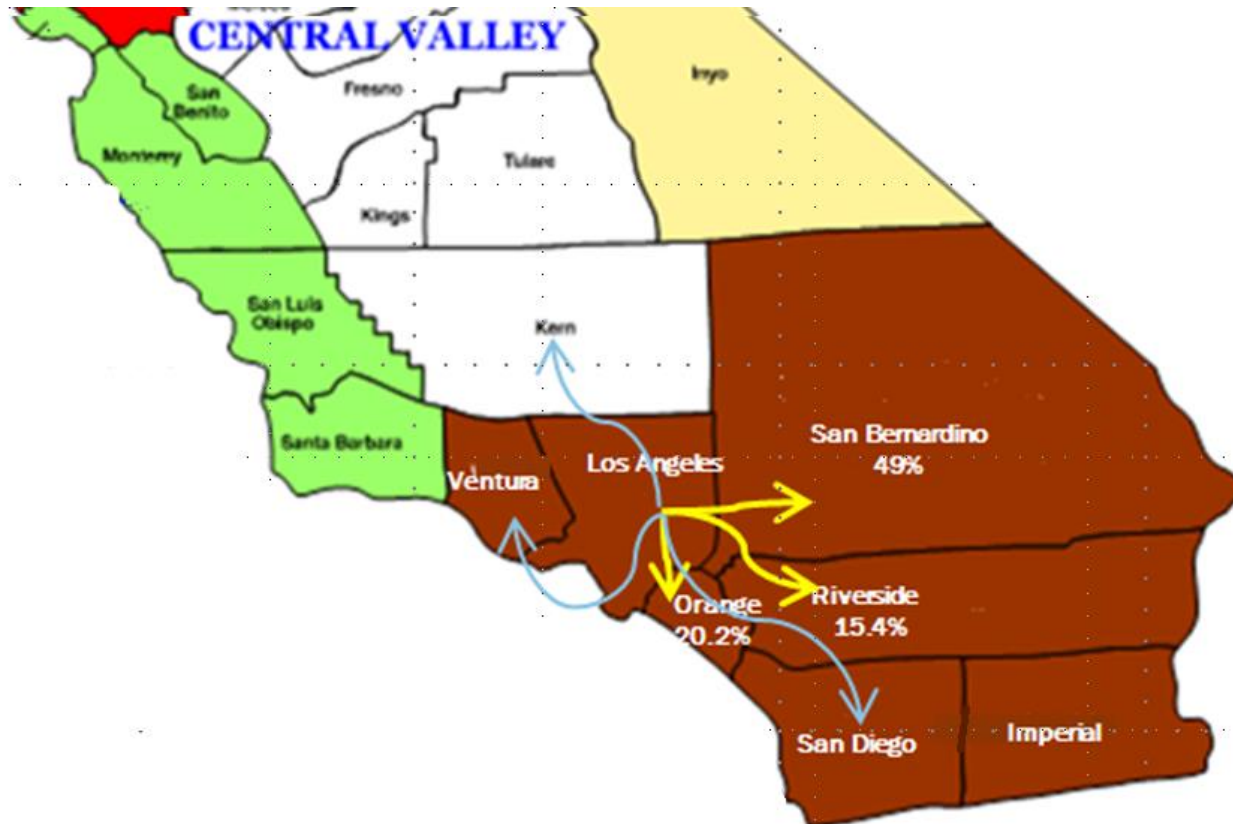
| County | Landfilled Tons and Disposal-Related Use | Percent of State Waste Landfilled and Sent for Disposal- Related Use | Percent State Population |
|-------------|--|--|--------------------------|
| Los Angeles | 9,129,064 | 26.3% | 26.2% |
| Orange | 3,519,706 | 10.2% | 8.1% |
| San Diego | 3,438,171 | 9.9% | 8.3% |

Top 3 Counties that Received Waste

| County | Landfilled Tons and Disposal-Related Use at County's Facilities | Percent of State Waste Landfilled and Sent for Disposal- Related Use in a County | Percent State Population |
|-------------|---|--|--------------------------|
| Los Angeles | 5,751,402 | 16.2% | 26.2% |
| Orange | 4,996,858 | 14.1% | 8.1% |
| Riverside | 3,719,649 | 10.5% | 6.0% |

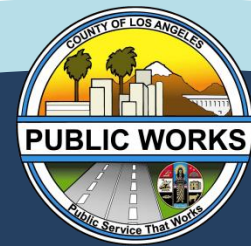


Waste Flows (Post *Puente Hills Landfill* Closure)



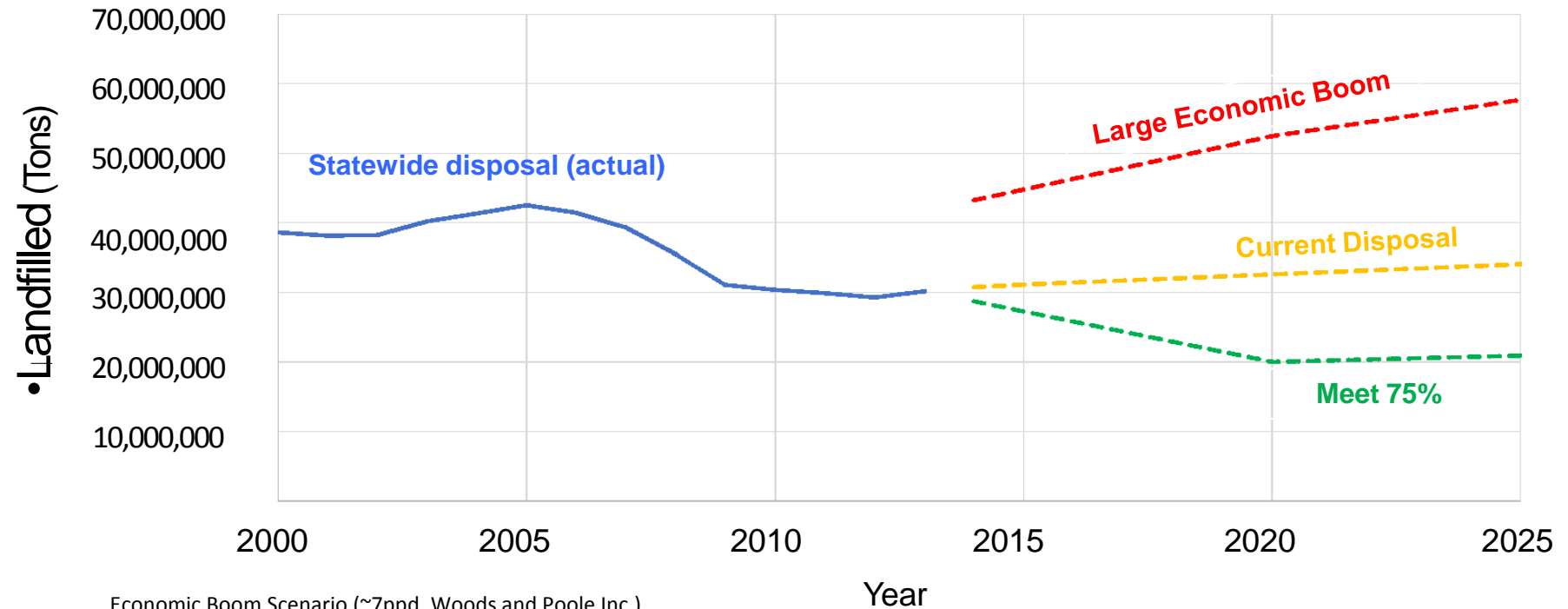
Waste Flows (Post *Puente Hills Landfill* Closure)

| Counties that Received Waste Previously Accepted by Puente Hills Landfill | Waste Exported From Los Angeles County - Post Closure (tons) |
|---|--|
| San Bernardino | 1,600,000 |
| Orange | |
| Riverside | |
| San Diego | 500,000 |
| Kern | |
| Ventura | |
| Total | 2,100,000 |

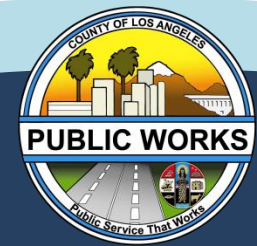


Statewide Disposal and Diversion Rates

Three Disposal Scenarios Statewide Disposal Projections through 2025

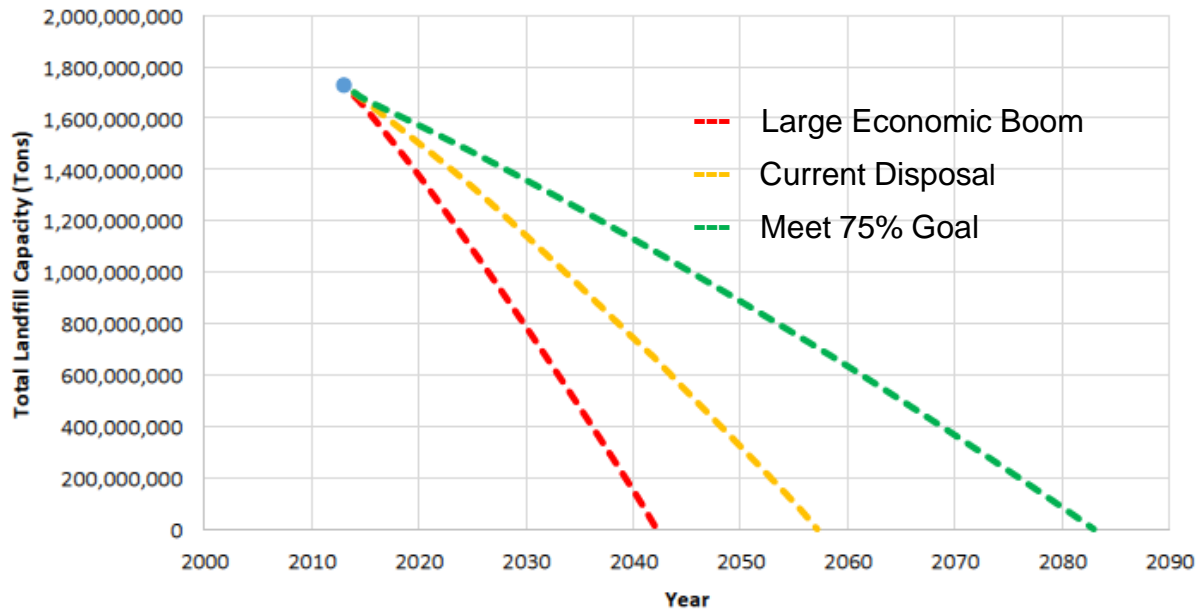


Economic Boom Scenario (~7ppd, Woods and Poole Inc.)
Current Disposal Rate Scenario (~ 4.7ppd)



Statewide Disposal and Diversion Rates

Three Disposal Scenarios Statewide Landfill Capacity Projections



67 years of capacity if we achieve 75% Recycling

Economic Boom Scenario (~7ppd, Woods and Poole Inc.)
Current Disposal Rate Scenario (~ 4.7ppd)



Thank You

A complete copy of this report is available at CalRecycle's Website at :

<http://www.calrecycle.ca.gov/Publications/Documents/1556/201601556.pdf>

